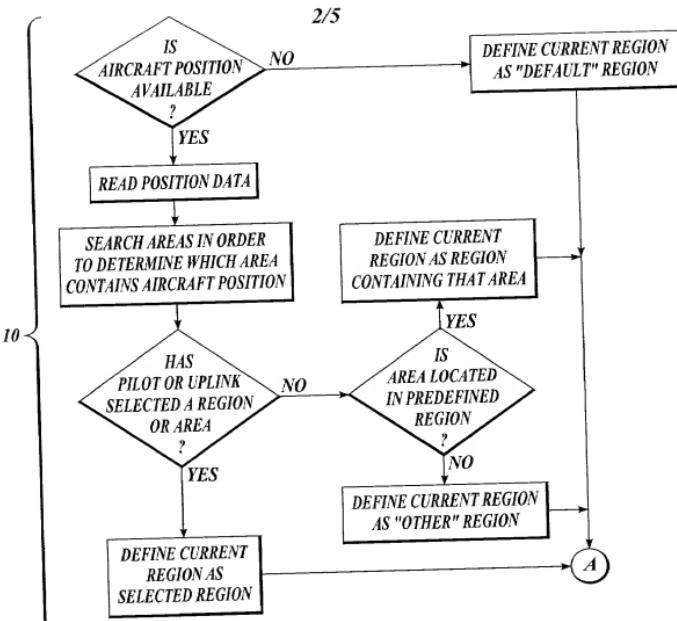


*Fig. 1*

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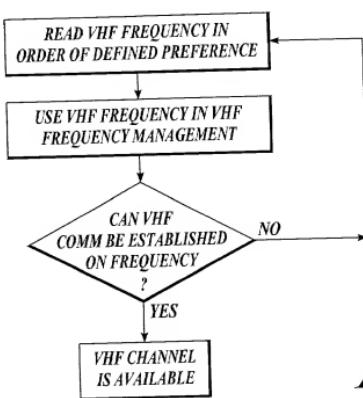


Fig.2A

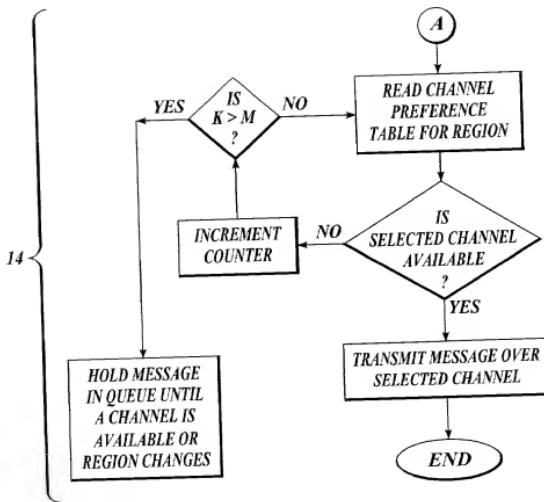


Fig.2B

## DATA STRUCTURE LAYOUT FOR THE MESSAGE DEFINITION.

0	7   8	15   16	23   24	31		
<b>BUFFER DEFINITION REFERENCE</b>						
04	CRC OPTION	MSG. LIFETIME	DEST. CODE	MSG TYPE		
<b>MESSAGE ENCODED UDP REFERENCE</b>						
0C	ENCRYPT OPT	ENCRYPT KEY	MSG LABEL0	MSG LABEL1		
<b>MESSAGE TIME UDP REFERENCE</b>						
14	SPARE	PURPOSE CODE	SYSTEM RESET	BUFFER FULL		
<b>SPARE</b>						
1C	ESTIMATED MSG SIZE	MSGPRIORITY	DL QUEUE ID			
<b>SPARE</b>						
<b>DOWNLINK ENCODING CONTROL REFERENCE</b>						
28	# SUB RCDS	RESP. RQRD	SUBNET PREF	INV. PAD		

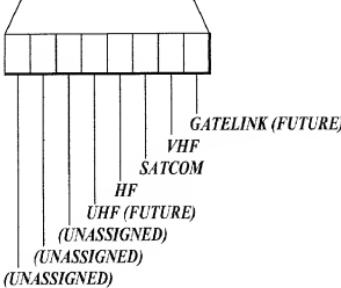
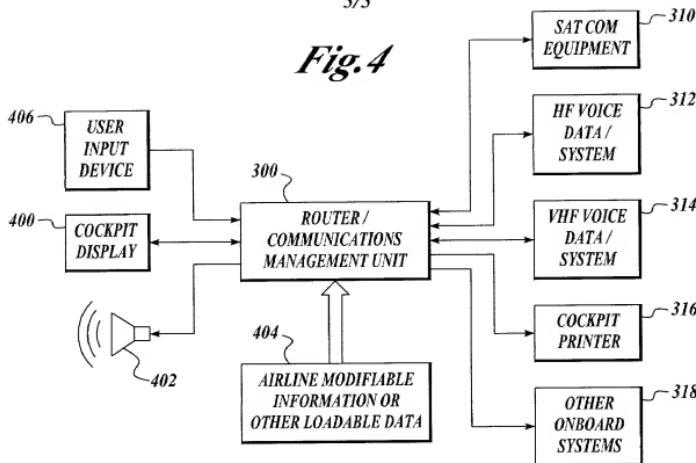


Fig.3

Fig.4



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

	CMU	DATA COMM	
1L	*CONUS	N. PACIFIC*	IR
2L	*EUROPE	S. PACIFIC*	2R
3L	*AUSTRALIA <*>	N. ATLANTIC*	3R
4L	*AFRICA	S. ATLANTIC*	4R
5L	RETURN TO *AUTO	OTHER*	5R
6L	<RETURN	VHF FREQ>	6R

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

400 ↗

Fig.5